



CT16 Fiber Cleaver

The CT16 fiber cleaver from Fujikura was designed for FTTH or other space constrained applications where ergonomics and durability are key. It is compact, can be operated ambidextrously, and features a unique fiber adapter, allowing users to cleave two bare fibers simultaneously when paired with the dual fiber stripper, the SS-05. The scrap collector and fiber adapter side can be swapped by the user for left or right-handed preference, or as environmental constraints dictate. Furthermore, the thumbwheel on the bottom of the cleaver is utilized for blade rotations as opposed to previous tedious processes to rotate a cleaver blade. The top lever opens past vertical allowing for easy viewing, cleaning, and adjustment of the cleave length. The blade is retracted when the top lever is opened and the blade activates to score the fiber when it is closed, making this a true one-step cleaver. Like its predecessor, this cleaver can withstand a 30" drop from any of six different orientations and still maintain factory specified cleave angle performance. The cleaver blade and fiber clamping mechanisms are easy to replace in the field, mitigating the need to send this cleaver in for service.



Features

- Dual fiber adapter plate for single or two fiber cleaving
- Ambidextrous operation available
- Field replaceable fiber clamp pads and cleaver blade
- Shock resistant for drops up to 30" in any of six different orientations
- Compact form factor and tool-less blade rotations

Applications

- Small cell site
- FTTH drops and terminations
- MDF/IDF splices and terminations
- Rural fiber deployments and restorations

Standard Package

Name	Model	Quantity
Fiber Cleaver	CT16	1pc
Scrap Collector	FDB-06	1pc
Fiber Adapter (up to 900 μm coating)	AD-16A	1pc
Hex Wrench (1.5 mm)	HEX-01	1pc
Instruction Manual	M-CT16-C	1pc

Optional Accessories:

Name	Model	Note
Fiber Adapter	AD-16B	up to 3.0 mm jacket
Replacement Cleaver Blade	CB-09	
Replacement Fiber Clamp Pads	ARM-CT16-01	
Scrap Collector	FDB-06	To collect fiber scrap



Please visit **NEW** web site!

<https://www.fusionsplicer.fujikura.com>



Facebook

<https://www.facebook.com/FujikuraFusionSplicers>



twitter

<https://twitter.com/fujikurasplicer>

CT16 Fiber Cleaver

Specifications

PARAMETER		VALUE
Applicable Fiber	Fiber type	Single-mode optical fiber Multimode optical fiber
	Fiber count	2 single fibers
	Cladding diameter	Approx. 125 μm
Applicable Coating	Adapter plate	AD-16A: Max 900 μm coating diameter single fiber or 250 μm coating diameter for two fibers AD-16B: Max. 3 mm jacket diameter
	Fiber holders	FH-60 and FH-70 series – coating diameter dictated by specific fiber holder
Cleave Length	Adapter plate	AD-16A: 5 – 20 mm* ¹ AD-16B: Coating diameter – 250 μm or less: 5-20 mm* ¹ 251 μm -900 μm : 10-20 mm 901 μm -3 mm: 14-20 mm
	Fiber holder	Approx. 10 mm
Cleave Angle* ²	Single fiber	Avg. 0.3 to 0.9 degrees
Blade Life* ³		Approx. 48,000 fiber cleaves
Physical description	Dimensions W	Approx. 106 mm without projection* ⁴
	Dimensions D	Approx. 95.5 mm without projection* ⁴
	Dimensions H	Approx. 49 mm without projection* ⁴
	Weight	Approx. 190 g including AD-16A
Environmental condition	Temperature	Operate: -10 to 50°C Storage: -40 to 80°C
	Humidity	Operate: 0 to 95%RH non-condensing Storage: 0 to 95%RH non-condensing
Other features	Blade rotation	Manual dial underneath cleaver
	Replaceable items	Cleaver blade Fiber clamp pads
	Fiber adapter base and scrap collector	Can be swapped position for ambidextrous operation
	Cleave count	Up to two individual bare fibers

Notes

- When the cleave length is less than 10 mm, the coating diameter should be 250 μm or less. Also, a blade height adjustment is required before cleaving. The average cleave angle is worse than the specification above when the cleave length is less than 10 mm.
- Measured with an interferometer at room temperature, not with a splicer. A new blade was used to cleave the single fibers. The average cleave angle changes depending on the environmental conditions, blade condition, operating method, and cleanliness.
- The blade life changes depending on the environmental conditions, operating method, and the fiber type cleaved.
- Measured with the top lever closed.



Please visit **NEW** web site!

<https://www.fusionsplicer.fujikura.com>



Facebook

<https://www.facebook.com/FujikuraFusionSplicers>



twitter

<https://twitter.com/fujikurasplicer>